

# INDEPENDENCE AREA PROJECT TRANSMISSION LINE UPGRADES



Appalachian Power representatives plan upgrades to the electric transmission system in Grayson County. The Independence Area Project: Transmission Line Upgrades involves building about 15 miles of 69-kilovolt (kV) transmission line. The upgrades provide a second source of power, increasing reliability for area customers. Company representatives expect construction to begin in 2025.

## WHAT

Proposed project plans involve:

- Building approximately 15 miles of 69-kV transmission line.
- Building Point Lookout Substation as part of the Independence Area Project: Substation Upgrades

## WHY

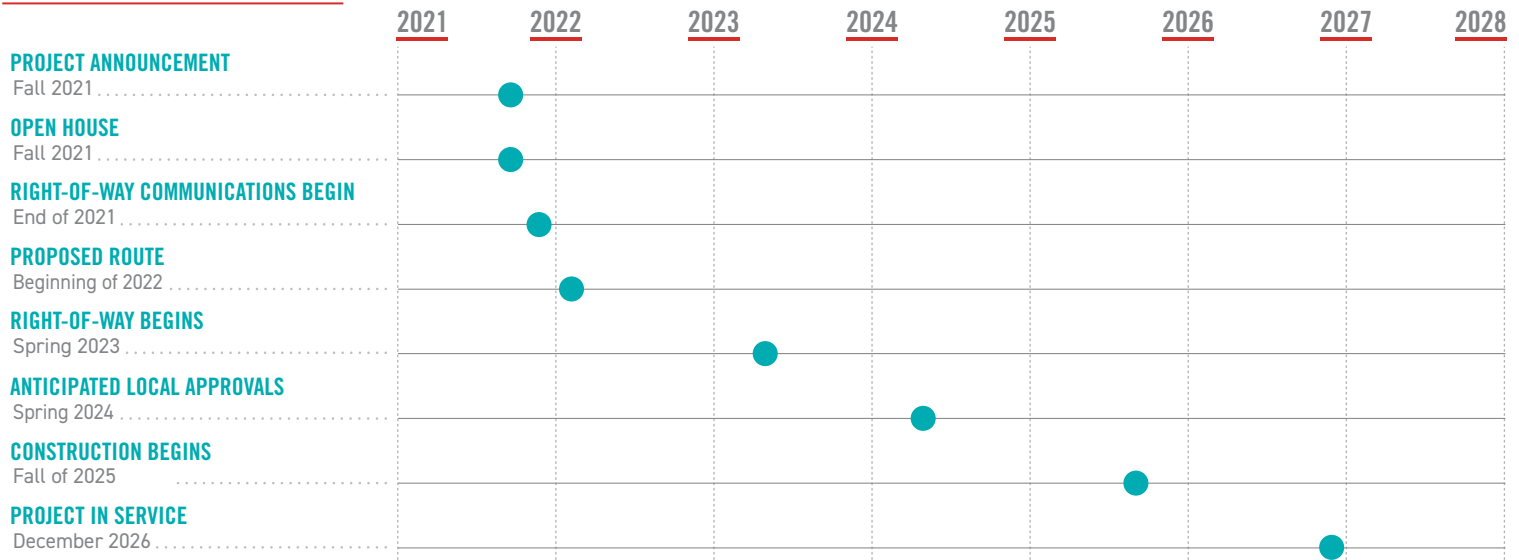
The project:

- Provides a second source of power to customers served out of the proposed Point Lookout Substation in Independence. In the event the existing line experiences an extended outage, this additional power source can continue to serve customers.
- Provides an electrical source for a future distribution substation in the Baywood area.
- Supports enhanced reliability in the region. The existing Fries - Independence power line serving the area is remote and difficult to access which can lead to extended power outages, when maintenance is required.

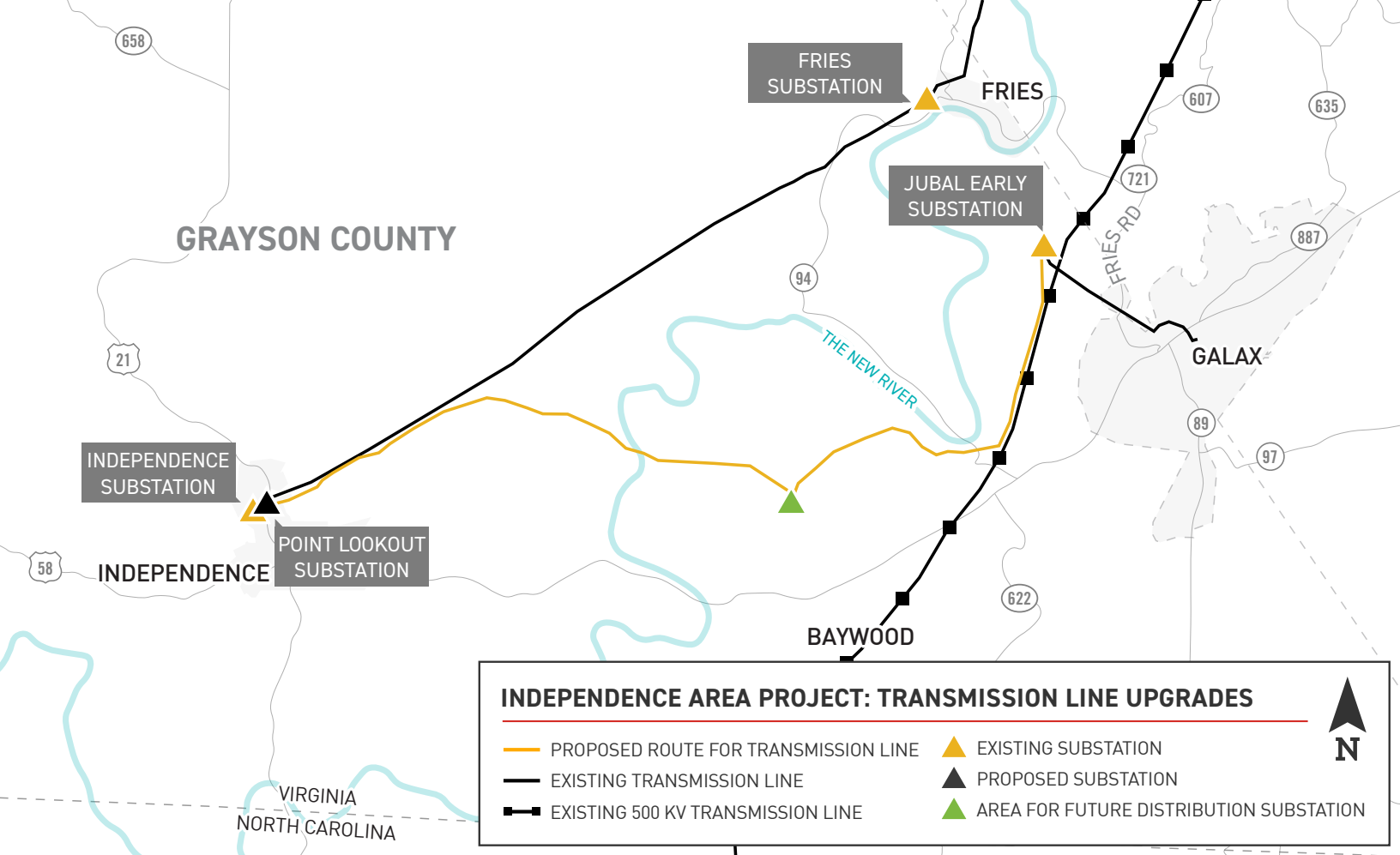
## WHERE

The transmission line route options begin at the proposed Point Lookout Substation on Austin Street, off of North Independence Avenue/Route 21 and near the existing Independence Substation. The routes travel east for 6 miles, cross the New River and continue east for another 6 miles. The last 3 miles travel north, close to Appalachian Power's existing 500-kV transmission line. The route options end at the Jubal Early Substation located on Windmill Road off of Fries Road.

## PROJECT SCHEDULE



\*Timeline subject to change.



## TYPICAL STRUCTURES

Crews plan to build the line using mainly steel H-frames or single-pole structures depending on the route selected and final engineering. At certain locations, crews could use lattice towers, or three-pole structures.

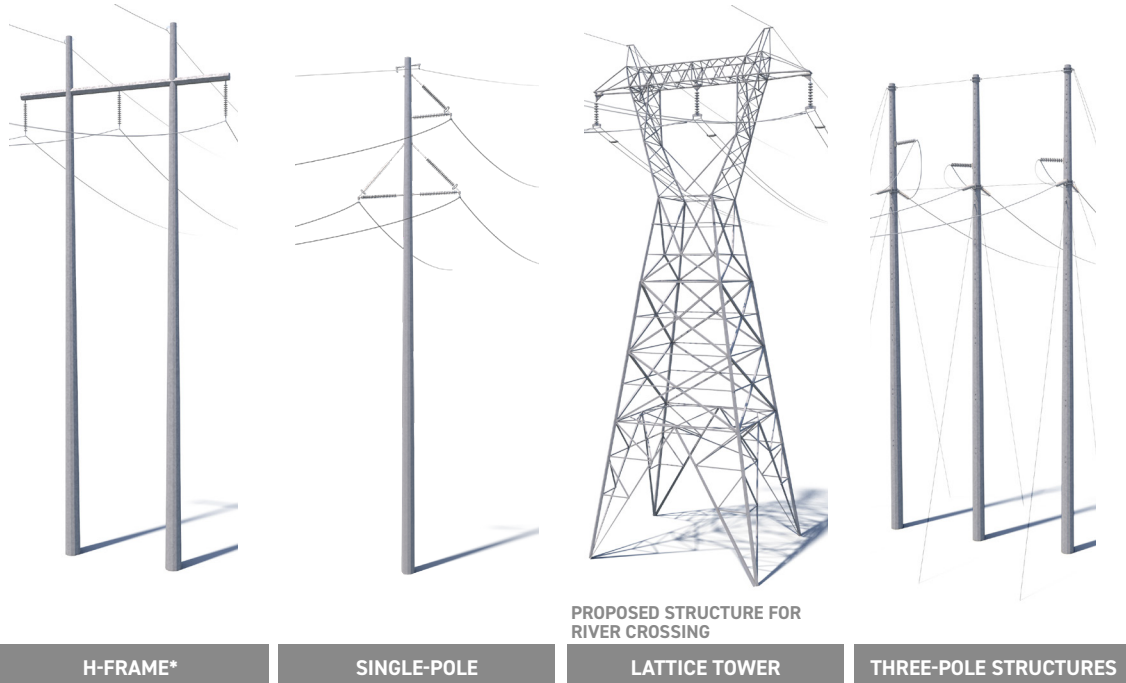
Typical Structure Height:

Approximately 85 feet\*

Typical Right-of-Way Width:

Approximately 100 feet\*

\*Exact structure, height and right-of-way requirements may vary



H-FRAME\*

SINGLE-POLE

LATTICE TOWER

THREE-POLE STRUCTURES

APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

### CORTNEY MUSTARD

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